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DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Computer system with LAN-based I/O

registration number).

the specification of which (chec	k one)		•
is attached hereto.			
X_was filed on December 12, 20	03 as United States Applicat:	on Number 10/735.321	
or PCT International App	lication Number		
and was amended on	(if applic	able	
I hereby state that I have revie the claims, as amended by any am	wed and understand the contenent referred to above.	uts of the above identified spe	ecification, including
I acknowledge the duty to disclo accordance with Title 37, Code o			is application in
I hereby claim foreign priority	benefits under Title 35, Unit	ed States Code, §119(a)-(d) or	§365(b) of any
foreign application(s) for paten which designated at least one co by checking the box. any foreign application, having a filing dat	untry other than the United: application for patent or in	tates, listed below and have a ventor's certificate, or PCT I	lso identified below.
Prior Poreign Application(s)		P	riority Claimed
(Number)	(Country)	(Day/Month/Year Filed)	YesNo
(Number)	(Country)	(Day/Month/Year Filed)	Yes No
(Number)	(Country)	(Day/Month/Year Filed)	168 160
I hereby claim the benefit under	35 U.S.C. §119(e) of any Un	ted States provisional applica	tion(s) listed below.
(Application Number)	(Filing Date)		
(Application Number)	(Filing Date)		
I hereby claim the benefit under International application design of the claims of this applicatio in the manner provided by the fi material to the patentability of date of the prior application an	n is not disclosed in the prince paragraph of 35 U.S.C. §: this application as defined	or United States, or PCT Inter 112. I acknowledge the duty to in 37 CFR \$1.56 which occurred	mational application disclose information between the filing
(Application Serial No.)	(Filing Date)	(Status) (patented, pend	ding, abandoned)
(Application Serial No.)	(Filing Date)	(Status) (patented, pend	ling, abandoned)
I hereby declare that all statem information and belief are belie that willful false statements an Section 1001 of Title 18 of the of the application or any patent	ved to be true; and further (d the like so made are punis) United States Code and that (that these statements were made made by fine or imprisonment.	with the knowledge or both, under
POWER OF ATTORNEY: As a named it this application and transact al	nventor I hereby appoint the 1 business in the Patent and	following attorney(s) and/or a Trademark Office connected the	gent(s) to prosecute rewith (list name and

Richard M. Ludwin (Reg. 33,010), Kevin M. Jordan (Reg. 40,277), Christopher A. Hughes (Reg. 26,914), John E. Hoel (Reg. 26,279), Joseph C. Redmond, Jr. (Reg. 18,753), Douglas W. Cameron (Reg. 31,596), Wan Yee Cheung (Reg. 42,410), Thu Ann Dang (Reg. 41,544), Louis P. Herzberg (Reg. 41,500), Derek S. Jennings (Reg. 41,473), Stephen C. Kaufman (Reg. 29, 551), Daniel P. Morris (Reg. 32,053), Alison D. Mortinger (Reg. 39,306), Louis J. Percello (Reg. 33,206), Robert M. Trepp (Reg. 25,933), Gail H. Zarick (Reg. 43,303), Rafael Perez-Pineiro (Reg. 46,041), Suzanne Erez (Reg. 46,688).

CLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION
Send Correspondence to: Stophen C. Kaufman, Intellectual Property Law Dept.
TRM Corporation, P.O. Box 218, Yorktown Heights, New York 10598
Direct Telephone Calls to: (name and telephone number) Stephen C. Kaufman (914) 945-3197
AZAGURY Alain Full name of first inventor
13 4 04 Inventor's Signature Type
32/6 Hashikma St., Nesher, 20300, Israel Residence
Israel, British Cltizenship
IBM Labs, Haifa University, Mount Carmel, Haifa 31905, Israel Post Office Address
RODEH Michael Full name of second joint-inventor
29.3.2004 Inventor's signature 4. Rode
Date
42 Shlonski St, Haifa, 34987, Israel Residence
Israel Citizenship
IBM Labs, Haifa University, Mount Carmel, Haifa 31905, Israel Post Office Address
SATRAN Julian Full name of third joint-inventor
Inventor's signature
Date
126/1 Shoshanat Hayam St., Atlit, 30300, Israel Residence
Israel Citizenship
IBM Labs, Haifa University, Mount Carmel, Haifa 31905, Israel Post Office Address

Post Office Address

SHIMONY Ilan Full name of fourth joint-inventor
Date Inventor's signature
10 Watson St., Haifa, 34751, Israel Residence
Israel AND " VS Citizenship
IBM Labs, Haifa University, Mount Carmel, Haifa 31905, Israel Post Office Address
SMITH T Basil Full name of fifth joint-inventor
Date
175 Pipers Hill Road, Wilton, CT 06897 Residence
USA
Citizenship
Post Office Address
DESAI Dhruv M. Full name of sixth joint-inventor
Inventor's signature
Date
417 Mildenhall Ave., Cary, N.C. 27513 Residence
USA Citizenship

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Computer system with LAN-based I/O

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I acknowledge the duty to discloscopidance with Title 37. Code of	ose information which is m of Federal Regulations, Se	aterial to the patentability of ction 1.56.	this application in
foreign application(s) for pater which designated at least one control to the bar are foreign	nt or inventor's certifica ountry other than the Unit	United States Code, \$119(a)-(d) te, or \$365(a) of any PCT Interm ed States, listed below and have r inventor's certificate, or PCT ication on which priority is cla	ational application also identified below, International
TION TOTAL TEP TOTAL TOTAL			Yes No
(Number)	(Country)	(Day/Month/Year Filed)	Yes No
(Number)	(Country)	(Day/Month/Year Filed)	YesNo
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(Application Number)	(Filing Date)		
(Application Number)	(Filing Date)		
International application design of the claims of this application the manner provided by the f	mating the United States, on is not disclosed in the irst paragraph of 35 U.S.C	nited States Application(s), or ilisted below and, insofar as the prior United States, or PCT Into \$112, I acknowledge the duty ined in 37 CFR \$1.55 which occurrenational filing date of this is	ternational application to disclose information red between the filing
(Application Serial No.)	(Filing Date)	(Status) (patented, p	pending, abandoned)
(Application Serial No.)	(Filing Date)	(Status) (patented, p	pending. abandoned)
I hereby declare that all state	eved to be true: and furt	on knowledge are true and that a mer that these statements were mu unishable by fine or imprisonment	YOU MILL CITE VITOMICORO

Section 1001 of Title 18 of the United States Code and that willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY: As a named inventor I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith (list name and registration number).

Richard M. Ludwin (Reg. 33,010), Kevin M. Jordan (Reg. 40,277), Christopher A. Hughes (Reg. 26,914), John E. Hoel (Reg. 26,279), Joseph C. Redmond, Jr. (Reg. 18,753), Douglas W. Cameron (Reg. 31,596), Wan Yee Cheung (Reg. 42,410), Thu Ann Dang (Reg. 41,544), Louis P. Herzberg (Reg. 41,500), Derek S. Jennings (Reg. 41,473), Stephen C. Kaufman (Reg. 29, 551), Daniel P. Morris (Reg. 32,053), Alison D. Mortinger (Reg. 39,306), Louis J. Percello (Reg. 33,206), Robert M. Trepp (Reg. 25,933), Gail H. Zarick (Reg. 43,303), Rafael Perez-Pineiro (Reg. 46,041), Suzanne Erez (Reg. 46,688).

CLARATION AND POWER OF ATTORNEY FOR FATENT APPLICATION
Send Correspondence to: Stephen C. Kaufman. Intellectual Property Law Dept. IBM Corporation, P.O. Box 218, Yorktown Heights, New York 10598
Direct Telephone Calls to: (name and telephone number) Stephen C. Kaufman (914) 945-3197
AZAGURY Alain Full name of first inventor
Inventor's Signature
Date
32/6 Hashikma St., Nesher, 20300, Israel Residence
Israel, British Citizenship
IBM Labs, Haifa University, Mount Carmel, Haifa 31905, Israel Post Office Address
RODEH Michael Full name of second joint-inventor
Inventor's signature
Date
42 Shlonski St, Haifa, 34987, Israel Residence
Israel Citizenship
IBM Labs, Haifa University, Mount Carmel, Haifa 31905, Israel Post Office Address
SATRAN Julian Full name of third joint-inventor
May 19, 2004 Inventor's signature Date
126/1 Shoshanat Hayam St., Atlit, 30300, Israel Residence
Israel Citizenship
IBM Labs, Haifa University, Mount Carmel, Haifa 31905, Israel Post Office Address

SHIMONY Ilan Full name of fourth joint-inventor		
i di name o romanjemi na eveni		
	Inventor's signature	
Date		
10 Watson St., Haifa, 34751, Israel Residence		
Israel Citizenship		
IBM Labs, Haifa University, Mount Carmel, Hai Post Office Address	ifa 31905, Israel	
·		
SMITH T Basil Full name of fifth joint-inventor		
	Inventor's signature	
Date		
Residence		
Citizenship		
Post Office Address		
DESAI Dhruv M. Full name of sixth joint-inventor		
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Citizenship		
Post Office Address	·	

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Computer system with LAN-based I/O

Out., parenty	•		
the specification of which (chec	k ope)		
is attached hereto.		1 - Municipal 20/735.321	
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or PCT International App	lication Number		
and was amended on	(if oppli	cable)	setention, including
I hereby state that I have revie the claims, as amended by any ar	wed and understand the conte	ents of the above identified spec	s application in
I acknowledge the duty to disch accordance with Title 37, Code	ose information which is mate of Yedoral Regulations, Secti	erial to the parentability of thi	\$265(b) of any
I hereby claim foreign priority foreign application(s) for pare	benefits under fitle 35, Unit or inventor's certificate,	ited States Code, \$1500, or \$165(a) of any PCT Internati States, listed below and have all inventor's ctrtificate, or PCT Internation on which priority is claimed	ternational
prior Foreign Application(s)			Yes No
		(Day/Month/Year Filed)	Yes No
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(Mumber)	(Conntry)	(Day/Month/Year Filed)	Yes No
(Number)	(Country)	(pay/minch) according	rico(a) listed below.
I hereby claim the benefit unde		mited States provisional applica	
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·	(Filing Date)		S(c) of any PCT
I hereby claim the benefit und International application desi- of the claims of this applicat- in the manner provided by the material to the patentability date of the prior application	er 35 U.S.C. \$120 of any Unit gnating the United States, li ion is not disclosed in the I first paragraph of 35 U.S.C. of this application as defin and the national or FCT inter	ted States Application(s), or §36 lated below and, insofar as the 6 prior whited States, or PCT Inter §112, I acknowledge the duty to ed in 37 CFR §1.56 which occurred the filing date of this appropriational filing date of this appropriational filing date of the second	h between the filling
- Cartal Wa	(Filing Date)	(Status) (patented, per	ding, abandoned
(Application Serial Mo.)	(Filing Date)	(Status) (patented, pen	ding, abandoned;
(Application Serial No.)	- 1 '£ mil OM	knowledge are true and that all	statements made on
that willful false statements section 1001 of Title 18 of th	and the like so made are pur le United States Code and tha ant lesued thereon.	knowledge are true and that all if that these statements were made inhable by fine or imprisonment, it willful false statements may just willful false statements.	soperairs the said
FOWER OF ATTORNEY: As a named this application and transact	d inventor I hereby appoint to all business in the Patent s	he following attorney(s) and/or and Trademark Office connected th	
registration number).			ohn E. Hoel (Reg. 26,279),
Richard M. Ludwin (Reg. 33,010),	Kevin M. Jordan (Reg. 40,277), C 53), Douglas W. Cameron (Reg. 3	Thristopher A. Hughes (Reg. 26,914), J 1,596), Wan Yee Cheung (Reg. 42,410)), Thu Ann Dang (Reg. 551), Daniel P. Morris

(Res. 43,303), Rafael Perez-Pinciro (Reg. 46,041), Suzanno Erez (Reg. 46,688).

Joseph C. Redmond, Jr. (Reg. 18,753), Douglas W. Cameron (Reg. 31,596), Wan Yee Chemg (Reg. 42,410), Thu Ann Dang (Reg. 41,544), Louis P. Herzberg (Reg. 41,500), Derck S. Jemings (Reg. 41,473), Stephen C. Kaufman (Reg. 29, 551), Daniel P. Morris (Reg. 32,053), Alison D. Mortinger (Reg. 39,306), Louis J. Percello (Reg. 33,206), Robert M. Trepp (Reg. 25,933), Gail H. Zarick

Citizenship

Post Office Address

IBM Labs, Haifa University, Mount Carmel, Haifa 31905, Israel

CLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION Send Correspondence to: <u>Stephen C. Kaufman. Intellectual Property Law Dept.</u> IPM Comporation, P.O. Box 218. Forktown Heights, New York 10598 Direct Telephone Calls to: (name and telephone number) Stephen C. Kaufman (914) 945-3197 AZAGURY Alain Full name of first inventor _Inventor's Signature_ Date 32/6 Hashikma St., Nesher, 20300, Israel Residence Israel, British Citizenship IBM Labs, Haifa University, Mount Carmel, Haifa 31905, Israel Post Office Address RODEH Michael Full name of second joint-inventor Inventor's signature___ Date 42 Shlonski St, Haifa, 34987, Israel Residence Istael Citizenship IBM Labs, Haifa University, Mount Carmel, Haifa 31905, Israel Post Office Address SATRAN Julian Full name of third joins-inventor Inventor's signature 126/1 Shoshanat Hayam St., Atlit, 30300, Israel Residence **Israel**

Post Office Address

SHIMONY Ilan Full name of fourth joint-inventor Inventor's signature Date 10 Watson St., Haifa, 34751, Israel Residence Israel Citizenship IBM Labs, Haifa University, Mount Carmel, Haifa 31905, Israel Post Office Address SMITH T Basil Full name of fifth joint-inventor - Banil buils Inventor's signature 175 Pipers Hill Road, Wilton, CT 06897 Residence **USA** Citizenship Post Office Address DESAI Dhruv M. Full name of sixth joint-inventor Inventor's signature Date 417 Mildenhall Ave., Cary, N.C. 27513 Residence **USA** Citizenship

P.13

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I acknowledge the duty to discle accordance with Title 37, Code of	ose information which is mate of Federal Regulations, Secti	rial to the patentability of them 1.56.	his application in
I hereby claim foreign priority foreign application(s) for pate; which designated at least one co by checking the box, any foreign application, having a filing da	nr or inventor's certificate, nuntry other than the United	or §365(a) of any PCT Internal States, listed below and have a Inventor's certificate, or PCT tion on which priority is claim	tional application also identified below. International med:
Prior Poreign Application(s)			Priority Claimed
(Number)	(Country)	(Day/Month/Year Filed)	Yes No
(Number)	(Country)	(Day/Month/Year Filed)	Yes Mo
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Richard M. Ludwin (Reg. 33,010), Kevin M. Jordan (Reg. 40,277), Christopher A. Hughes (Reg. 26,914), John E. Hoel (Reg. 26,279).

IBM Labs, Haifa University, Mount Carmel, Haifa 31905, Israel

Post Office Address

CLARATION AND POWER OF ATTORNEY POR PATERY REPUICATION

Send Correspondence to: Stanber C	Con. P.O. Box 218 Youthown Heigh	 598
Direct Telephone Calls to: (name and	the transfer of the state of th	
AZAGURY Alain Full name of first inventor		
	Inventor's Signature	
Date	•	
32/6 Hashikma St., Nesher, 20300, I Residence	Israel	
Israel, British Citizenship	•	
IBM Labs, Haifa University, Mount Carmel, Post Office Address	, Hzifa 31905, Izrael 👙	
RODEH Michael Full name of second joint-inventor		 inger og som en er e En en er en er En en en er en
Date	inventor's signature	
42 Shlonski St. Haifa, 34987, Israel Residence Israel Citizenship		
IBM Labs, Haifa University, Mount Carmel Post Office Address	l, Haifa 31905, Israel	
SATRAN Julian Full name of third joint-inventor		- No
	Inventor's signature	 <u></u>
Date		
126/1 Shoshanat Hayam St., Atlit, 3 Residence	0300, Israel	
Israel Cirizenship		

MAY 20 '04 09:57 FR IBM MAY 10 2004 11:00 FK 15M205-6114

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SHIMONY IIan	
Full name of fourth joint-inventor	
Inventor's signature	
Date	
10 Watson St., Haifa, 34751, Israel Residence	
Işrael Citizenship	
IBM Labs, Haifa University, Mount Carmel, Haifa 31905, Israel Post Office Address	
SMITH T Basil Pull name of fifth joint-inventor	
Inventor's signature	
Date	
Residence	
Citizenship	
Post Office Address	
DESAI Dhruv M. Full name of sixth joint-inventor	
May 18th, 2004 Inventor's signature Shrew m. Soco	.
407 Midenhall Way, Cary, NC, 27513, USA Residence	
USA Citizenship	
IBM Corp. 3039 Cornwalis Road, RTP, NC, 27709, USA Post Office Address	